

ABSTRACT

The present invention is directed to a technique that includes the steps of bringing a sample solution containing an extended nucleotide into contact with the front face membrane having H^+ -pyrophosphatase, which penetrates from front to back of the membrane, such that the H^+ -pyrophosphatase hydrolyzes the pyrophosphate produced by the extension reaction and then measuring the difference in the H^+ concentration on the front face side of the membrane and on the back face side of the membrane.